

FIELD SERVICE AND SUPPORT

PROGRESS REPORT NO. 12

1 JANUARY 1960 THROUGH 31 JANUARY 1960

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I. INTRODUCTION

This report describes work performed by the Field Service and Support Department for Customers A, C, and D under Contracts A-102, [REDACTED] and HF-CT-699. It covers the period from 1 January 1960 to 31 January 1960.

25X1A

II. CONTRACT A-102

A. WORK PERFORMED FOR CUSTOMER A

1. Sustaining Engineering

a. Field Service Bulletins

Three Field Service Bulletins were being prepared during this report period. Table 1 shows the status of all current Field Service Bulletins.

b. Modification Kits

During January, the remaining modification kits for Field Service Bulletins 3-17, S603-3, and 6-14 (Table 1, items 5, 6, and 7) were delivered. Delivery of some of the kits for S603-3 and 6-14 had been delayed to permit environmental testing of the power supply transformers. At a simulated altitude of 85,000 feet, 315-cps power was applied to the transformers, and the heat-rise and the output voltage were monitored over an 8-hour period. The lower limit of the 315-440 cps primary power range was used since heating is greater there than at any other point in the frequency range.

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The heat-rise observed in the test was less than ten degrees Centigrade and the output voltage varied less than 2.2 percent. This indicates that the transformers can operate satisfactorily under the conditions imposed by the Customer.

c. Technical Information Bulletins

The Technical Information Bulletins are an informal means of providing the latest maintenance and alignment procedures to all people in the field. They reflect the continuous input of field reports and field failure reports received by the Contractor. The bulletins are also used to indicate changes to the manuals necessitated by retrofit or modification of the equipment. During January, one bulletin was published. It indicated some changes to the System 4 manual required by retrofit of Systems 4, serial numbers 101 and 102.

d. Training Aids

The training aid packages for the 1/4-inch and 1-inch Data Reduction Equipment were shipped to Customer A Headquarters, Detachment B, and Detachment C during January. These are the training aid packages originally developed for Customer C.

2. Repair and Retrofit

The Repair and Retrofit Inventory for January is listed in Table 2 .

B. WORK PERFORMED FOR CUSTOMER C

1. Sustaining Engineering

a. Training Aids

The training aid packages purchased by Customer C for the 1/4-inch and 1-inch Data Reduction Equipment were distributed to Customer C organizations during January.

b. Special Studies

The investigation of the corrosion and blistering of the

25X1D

[REDACTED] initiated by

25X1D

UR -58-1413 was completed in January. Laboratory analysis

indicates that the corrosion has no effect on the [REDACTED]

25X1D

[REDACTED] However, UR-58-1413 requests that a clean-up procedure be devised and that a protective coating be found for the assembly. Hence, further investigation into this matter will be initiated in February.

2. Repair and Retrofit

The Repair and Retrofit Inventory for January is listed in Table 2.

C. WORK PERFORMED FOR CUSTOMER D

Sustaining Engineering

Analysis and action on field reports and field failure reports continued during this reporting period.

III. CONTRACT [REDACTED]

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During the report period, all remaining items on Equipment List JJ were shipped. The majority of the items on Equipment List HH have been shipped. The remaining items and the approximate delivery dates are listed in Table 3.

IV. CONTRACT HF-CT-699

The Call Contract Inventory for January is shown in Table 4.

FIELD SERVICE BULLETIN AND MODIFICATION KIT STATUS AS OF 31 JANUARY 1960

Item	Customer	Field Service Bulletin Number	System	Unit	Description	Field Service Bulletin Status	Mod Kit Status
1	A	S603-2A	6	S603 Dual Channel Amplifier	Traveling Wave Tube Filament Voltage Correction	In Progress	N/A
2	A and C	M-2	System 4 Data Red. Equipment	Display Unit MP-12363	Addition of Vernier Dials Auxiliary Data Display Equipment (M Rack)	Awaiting Approval of ECP	Awaiting Approval of ECP
3	A	S603-4	6	S603 Dual Channel Amplifier	Power Supply and Tangential Sensitivity Adjustments for the S603 Dual Channel Amplifiers (Confidential)	In Progress	N/A
4	C	4-19	4	SLOE Equipment	Additional Test Equipment and New Test Procedure for System 4 Crystal Video Receiver	In Progress	On Order
5	A	3-17	3	Receiver MP-11048	Replacement of Power Supply Transformer	Delivered	Delivered
6	A	S603-3	6	S603 Dual Channel Amplifier	Replacement of Power Supply Transformer	Delivered	Delivered
7	A	6-14	6	Presampler Power Supply MP-12434	Replacement of Power Supply Transformer	Delivered	Delivered
8	A	S603-3A	6	S603 Dual Channel Amplifier	Additions and Corrections to Field Service Bulletin S603-3	In Progress	N/A

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TABLE 2

REPAIR AND RETROFIT INVENTORY FOR JANUARY 1960

Customer	Rework Units Outstanding on 1 Jan.1960	During January			Rework Units Backlog on 31 Jan.1960
		Units Received	Units Shipped	Units Nonreparable	
A	114	59	46	47	80
C	34	4	9	2	27
D	0	0	0	0	0

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TABLE 4

CALL CONTRACT INVENTORY FOR JANUARY 1960

Customer	Unit Backlog on 1 Jan. 1960	Requested During January			Units Delivered in Jan.	Unit Backlog on 31 Jan. 1960
		Production Lists	Total Line Items	Total Units		
A	50	3	34	118	10	158
C	94	5	33	538	190	442
D	0	0	0	0	0	0